

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## DSPIC33FJ06GS101A-I/P

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ06GS101A-I/P                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 16BIT 6KB FLASH 18DIP                                                                                  |
|                     |  1.DSPIC33FJ06GS101A-I/P.pdf |
|                     |  2.DSPIC33FJ06GS101A-I/P.pdf |
| Datasheets:         |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

### Specifications of DSPIC33FJ06GS101A-I/P

|                                  |                                                                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ06GS101A-I/P                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 6KB FLASH 18DIP                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| DATA SHEET                       |  1.DSPIC33FJ06GS101A-I/P.pdf<br> 2.DSPIC33FJ06GS101A-I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 18-PDIP                                                                                                                                                                                                                            |
| SPEED                            | 40 MIPs                                                                                                                                                                                                                            |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                         |
| RAM SIZE                         | 256 x 8                                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 6KB (2K x 24)                                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                              |
| PACKAGING                        | Tube                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 18-DIP (0.300", 7.62mm)                                                                                                                                                                                                            |
| OTHER NAMES                      | DSPIC33FJ06GS101AIP                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 13                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 6KB (2K x 24) FLASH 18-PDIP                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 6x10b                                                                                                                                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                 |
| BASE PART NUMBER                 | DSPIC33FJ06GS101A                                                                                                                                                                                                                  |

### Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ06GS101A-I/P | DSPIC33FJ06GS101A-I/P Distributor          | DSPIC33FJ06GS101A-I/P Supplier                               |
| DSPIC33FJ06GS101A-I/P Price                         | DSPIC33FJ06GS101A-I/P Pictures             | DSPIC33FJ06GS101A-I/P Image                                  |
| DSPIC33FJ06GS101A-I/P PDF Datasheet                 | DSPIC33FJ06GS101A-I/P Download Datasheet   | DSPIC33FJ06GS101A-I/P Datasheet                              |
| DSPIC33FJ06GS101A-I/P Stock                         | Buy DSPIC33FJ06GS101A-I/P                  | Buy Micrel / Microchip Technology DSPIC33FJ06GS101A-I/P      |
| Micrel / Microchip Technology DSPIC33FJ06GS101A-I/P | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ06GS101A-I/P | Microchip Technology DSPIC33FJ06GS101A-I/P | Roving Networks / Microchip Technology DSPIC33FJ06GS101A-I/P |

### Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>DSPIC33FJ06GS101A-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 18DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>DSPIC33FJ06GS101AT-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>DSPIC33FJ06GS101A-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>In stock: 83 pcs<br/><b>RFQ</b></div>     |  <div><b>DSPIC33FJ06GS101A-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>DSPIC33FJ06GS101-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>In stock: 68 pcs<br/><b>RFQ</b></div>      |  <div><b>DSPIC33FJ06GS101AT-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>DSPIC33FJ06GS101A-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>DSPIC33FJ06GS101A-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>In stock: 90 pcs<br/><b>RFQ</b></div>     |
|  <div><b>DSPIC33FJ06GS101AT-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>DSPIC33FJ06GS101-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
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